

CERTIFICATE OF APPROVED REGISTRATION
AND ENGINEERING DESIGN APPROVAL

Under the provisions of N.J.S.A. 13:1E-1 et seq. known as the Solid Waste Management Act, this registration is hereby issued to:

BOROUGH AND TOWNSHIP OF PRINCETON

for the purpose of operating a: Sanitary Landfill

on LOT NO.(S) 168 and 128

BLOCK NO.(S) S-32

in the municipality of: Princeton Township

county: Mercer

under Facility Registration Number: 1110A

This approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection.

This approval shall not prejudice any claim the State may have to Riparian land, nor does it permit the registrant to fill or alter, or allow to be filled, or altered, in any way, lands that are deemed to be Riparian, Wetlands, stream encroachment or flood plains, or within the Coastal Area Facility Review Act (CAFRA) zone without first acquiring the necessary grants, permits or approvals from the Department of Environmental Protection.

Date September 8, 1978
Director

Signed by Beatrice S. Tylutki,
Director,
Solid Waste Administration

Certificate of Approved Registration and Engineering Design Approval
for the Borough and Township of Princeton SLF, Princeton Township,
Mercer County

This Certificate of Approved Registration and Engineering Design
Approval is conditional upon the compliance and the implementation of
the following:

1. Permitted Waste Types

Only the following materials may be accepted at this facility:

I.D.	WASTE
10	Municipal (Household, Commercial, Institutional)
13	Bulky Waste
23	Vegetative Waste

2. Prohibited Waste Types

The following materials are specifically prohibited for disposal
at this facility:

I.D.	WASTE
12	Dry Sewage Sludge
17	Dry Hazardous Waste
18	Dry Non-Hazardous Chemical Waste
25	Animal and Food Processing Wastes
26	Oil Spill Clean-Up Wastes
27	Non-Chemical Industrial Waste
28	Infectious Waste
70	Waste Oil and Sludges
72	Bulk Liquid and Semi-Liquids
73	Septic Tank Clean-Out Wastes
74	Liquid Sewage Sludge
76	Liquid Hazardous Waste
77	Liquid Chemical Waste

3. Ground Waste Monitoring Wells

A. Location

Within sixty (60) days of issuance of this Certificate, three (3)
groundwater monitoring wells shall be constructed at this
facility. The locations of these wells are as follows and refer
to exhibit no. 4 of the engineering design prepared by Eldib
Engineering Company, dated June 30, 1971:

WELL #1: Directly uphill of the existing landfill. Coordinates N
563,000 E 2,011,250.

WELL #2: Directly downhill of the existing landfill. Coordinates
N 553,000 E 2 011,850.

WELL #3: Directly downhill of the proposed landfill area, ie. north
of the existing fill area. Coordinates N 563,570, E
2,011,800. .

All three (3) of these wells shall be constructed as per the
attached water table-rock specifications.

B. Analysis

Water samples must be collected from each monitoring well and be
analyzed by a New Jersey certified laboratory within two (2) weeks
of well construction .The analysis must be performed for the
determinations as specified by the rules of this Administration
(see N.J.A.C. 7:26-2.5.22).

4. Operational Plan and Site Preparation

The operational plan and site preparation shall be in accordance with
the referred engineering plan and operational design report.

5. Methane Gas Venting

If and when there is evidence of subsurface methane gas migration
from this facility, a design for a methane gas venting system,
together with a timetable for implementation, shall be immediately
implemented upon such approval.

6. Fire Safety

An adequate water supply and/or fire fighting equipment shall be
readily available on site or on call to extinguish any and all fires.
Fire fighting procedures shall be posted.

7. Noise Control

Noise control shall be implemented so that noise levels generated by
the landfill operation shall not exceed the standards set forth by
the New Jersey State Noise Control Regulations under N.J.A.C. 7:29-
1.2.

8. Daily and Intermediate Cover

Daily and intermediate cover material, as used by the registrant,
shall be of the type(s) that can be workable under all weather
conditions.

9. Litter Control

Litter shall be controlled through the use of movable fences of
sufficient height. Off-site litter as well as litter in the buffer
zone and on the perimeter fence shall be removed on a daily basis.

10. Dust Control

Dust control shall be effected by the spraying of water or by the spreading of calcium chloride or equivalent means as approved by this Administration.

11. Surface Leachate Control

If and when there is evidence that leachate from this facility is entering the surface waters of this State, a corrective action plan, together with a timetable for such correction, shall be submitted to this Administration for approval, and shall be immediately implemented upon such approval.

12. Subsurface Leachate Control

If and when there is evidence that leachate from the facility is entering the ground waters of this State causing a violation of the applicable standards, a corrective action plan, together with a timetable for such correction, shall be submitted to this Administration for approval and shall be immediately implemented upon such approval.

13. Maximum Elevation

The maximum elevation of this facility shall be one hundred and ten (110) mean sea level. This elevation and its associated slopes are shown on the engineering design as prepared by Mr. John E. Rhodes, P.E., dated October, 1977.

14. Plans in Office

One complete set of the approved engineering plans shall be kept in the on-site landfill office and shall be available for inspection by Department personnel or its designated representatives.

15. Final Cover

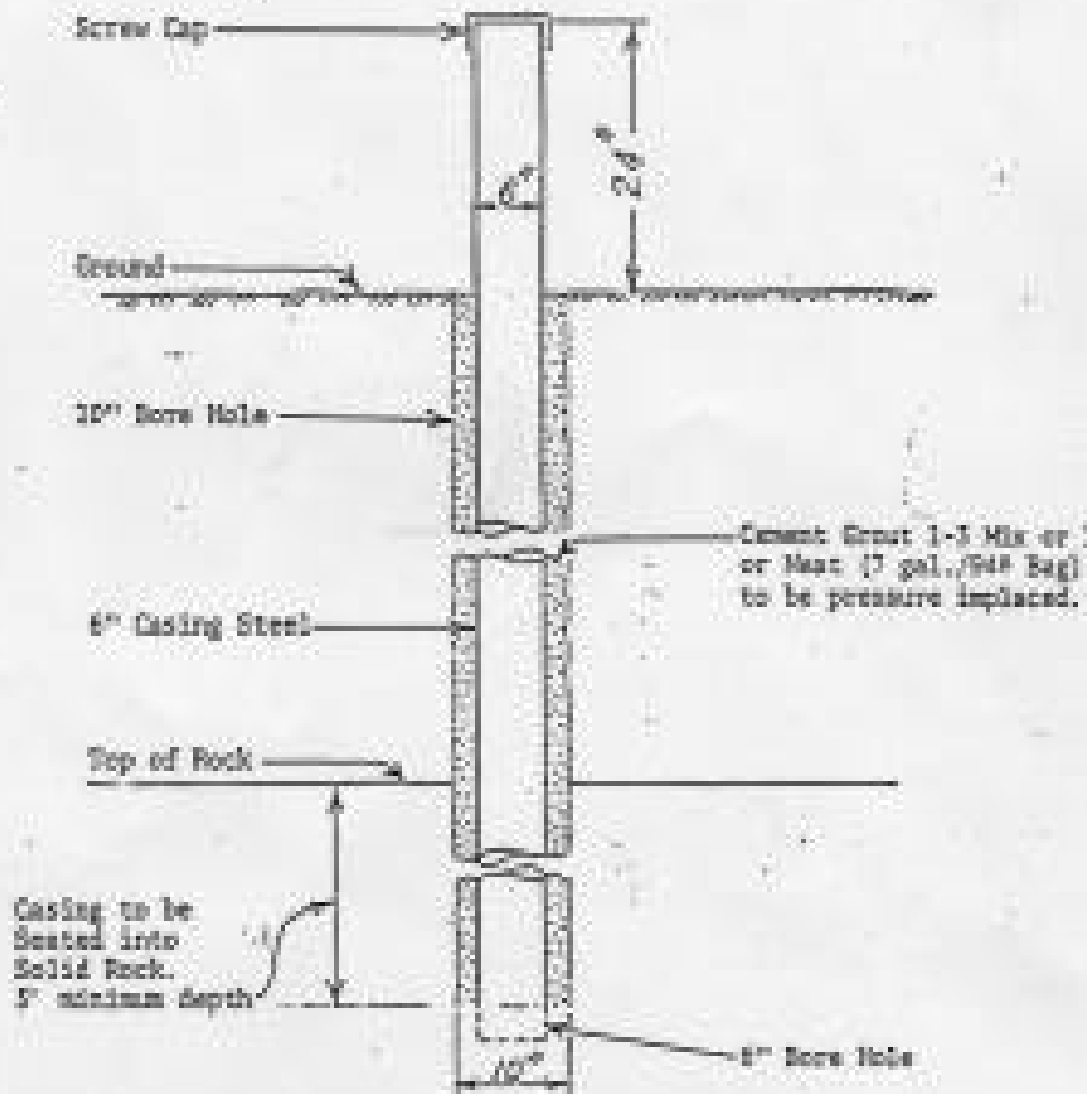
The final cover shall consist of a minimum of two (2) feet of soil suitable to support grass growth. The final cover shall be applied to each portion of the landfill surface within six (6) months after the filling of that portion to the designed final elevation. This cover shall be graded so as to facilitate drainage therefrom, and shall be revegetated by sowing with grass seed during the spring and/or fall in accordance with U.S. Soil Conservation Service specifications or the recommendations of the county agricultural agent.

16. Engineering Plans and Report

The construction and operation of this facility shall be in accordance with the provisions of N.J.A.C. 7:26-1 et seq. , the engineering design as prepared by Mr. John E. Rhodes, P.E., dated October, 1977, and with these approval conditions. In case of

conflict, the conditions of this Certificate shall supercede those of the engineering design.

Minimum Specifications for Observation Wells in "Rock" for Sanitary Landfills



Notes:

1. State Well permits are required. Report "use of well" on well permit application as, "Sanitary Landfill Observation Well."
2. Extra care should be taken in making an accurate log of materials encountered in drilling and in reporting the stabilized static water level. Well is capable of producing 3-5 gallons per minute.
3. For certain rock types more stringent specifications may be required.
4. Well to be drilled to first water in the rock or a depth of 100 feet.